

ABSTRACT OF THE DISCLOSURE

A method and apparatus are provided for forwarding peer-to-peer content in a wireless network having a network infrastructure, in which neither a wireless
5 sender nor a wireless recipient requires content personalization assistance from the network infrastructure for encryption or consumption of protected content. In a first step, the wireless sender sends an initial message to the wireless recipient. In a second
10 step, the wireless recipient sends a device certificate having a public key to the wireless sender. In a third step, the wireless sender personalizes the content by encrypting the content (or content encryption key) using a public key of the wireless recipient, signing encrypted
15 content (or content encryption key) using a private key of the wireless sender, and sending the protected content (and/or content encryption key) together with a device certificate of the wireless sender to the wireless recipient. In a fourth step, the wireless recipient
20 verifies the protected content (or content encryption key) by verifying the device certificate of the wireless sender, verifying the private key of the wireless sender, and applying a private key of the wireless recipient in order for the recipient to consume the protected content.
25 The protected content is digital rights management (DRM) protected content.